BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work:
Community property maintenance (including parks) at ward No. 15 in Dasarahalli

umber:- 015-20-000084 | **Budget Head:-** P - 3292 | **Est. Cost Rs:-** 30.00 Lakhs

	Description of work	No	Dimensions L	B	D	Qty	Unit	Rate	Amount
	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. (P.No. 5/I.No. 2.4)								
	For Base	1	23.00	5.20	0.40	47.84			
					Total	47.84	Cum	475.94	22769.00
	Bare rate	449.00							
	Area Weightage 6%	26.94							
	Total	**475.94**							
2	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 Item No: 19.60, Page: 147, SR (18-19)								
	For Base	1	23.00	5.20	0.45	53.82			
					Total	53.82	Cum	344.50	18541.00
	Bare rate	325.00							
	Area Weightage 6%	19.50							
	Total	**344.50**							
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.(P.No. 12/I.No. 4.2)								
	For Base	1	23.00	5.20	0.20	23.92			
	For Kerb Packing	2	23.00	0.165	0.10	0.76			
		2	5.00	0.165	0.10	0.17			
	For Kerb Packing	2	23.00	0.10	0.10	0.46			
		2	5.00	0.10	0.10	0.10			
					Total	25.40	Cum	5505.64	139865.00
	Bare rate	5194.00							
	Area Weightage 6%	311.64							
	Total	**5505.64**							

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Description of work	No	Dimensions			Qty	Unit	Rate	Amount
		L	B	D				
Providing laying flying cement kerb, precast, pre polished cement concrete, 25mm thick for flooring conforming to IS 1237 heavy duty tiles for walls of steps and landing, laid on a bed of 12mm thick cement mortar 1:4, well with flush pointing using white cement, including cost of including cutting, grinding the edge to half, half round wherever required, complete as per specification. (P.No. 112, I.No. 14.62 of PWD SR								
	1	23.00	5.00		115.00			
				Total	115.00	Sqm	1305.92	150181.00
Rate rate	1252.00							
Area Weightage 6%	75.92							
Total	1305.92							
Providing and laying Pre Cast solid cement concrete kerb stones made out of CC top and bottom width 114 and 165 mm respectively, 400 mm high and length finished with CM 1:3 plastering and finishing curing including curing, including cost of materials, labour charges of machinery, unloading, lead and lift, transportation etc. complete. (I.No. 5.5,								
	2	25.00			46.00			
L/S	2	5.00			10.00			
S/S					124.00			
= 0.450M					18.00			
Damaged Kerbs Inside Park				Total	142.00	Nos	477.00	67734.00
Rate rate	450.00							
Area Weightage 6%	27.00							
Total	477.00							
Cycling of Bicycle : All products must tested and certified to meet EN safety standards with GS test mark. TheEN16630 certificates must be issued by recognized notified International Certifying Body such as IPEMA, TUV, Intertek. The GS mark-EN 16630 certificates must be in the name of a company. The GS mark-EN 16630 certificates must be in the name of a company has carried out a minimum of 100 public park projects in India with GS certified products either by themselves or through their dealers or These EN 16630 & GS Mark certificates must be clearly displayed on certifying bodies websites as online verification is mandatory during All products must clearly display the GS mark as has been issued in All safety certificates. All Tubular steel of 2.5mm thickness are and zinc dipped. Joints are Robotic Welded. All welded joints ed as necessary and welded to an approved MIG process. All welds are removing all sharp edges & burrs. Zinc Primer paint is applied at all the ons prior to finishing. All metal parts are powder coated using AKZO t Wall Powder to the thickness of 80 120 microns. All metal parts are salt spray machine that uses a 5% NaCL solution in accordance to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded rings: Maintenance-free ball bearings. Equipment which have sway and s, must have built in limitors that prevent unwanted and ecessive which can cause injuries. The limitors must be in accordance with EN y norms. Scope of delivery: 1 completely pre-assembled equipment intenance: Maintain according to EN16630 and the maintenance L*W * H) 1000 MM x 500MM x 1290MM . Capacity 1 person. Inclusive and Transportation Charges								
	1			Total	1	Each	156250.00	156250.00
Data Rate	156250.00							

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Description of work	No	Dimensions			Qty	Unit	Rate	Amount
		L	B	D				
ply & fxing of Double Ski Walker : All products must tested and certified to et EN 16630 safety standards with GS test mark. The EN16630 certificates must issued by a reputed notified International Certifying Body such as IPEMA, TUV, PSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in india with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & 65 Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to 1507227 to speed up corrosion for 3000 his. Footplates made of alloys of Nylon havlng good thermal stability. Internal Limited means no bump stops or crush points. Bearings: Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN 16630 safety norms. Scope of delivery: 1 completely pie-assembled equipment modules. Maintenance: Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1530 MM x 585 MM x 1625 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges								
	1				1			
				Total	1	Each	292500.00	292500.00
Data Rate	292500.00							
							Sub-Total - 1	2810840.00
							Tender Premium 5%	140542.00
							(Excluding Gym Equipments) GST Charges 12%	47891.00
							Sub-Total - 2	2999273.00
							Utility, Miscelleneous Charges	727.00
							TOTAL	3000000.00

Certificate:

1. The work spot has been inspected and found to be necessary
2. The work spot comes under BBMP Limits
3. The provisions made in the estimate are necessary and minimum
4. The estimate is based on CSR of 2018-19
5. The work is not proposed in any other grant

Assistant Engineer
Ward No. 15

Assistant Executive Engineer
T Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Division
BBMP

ADMINISTRATIVELY SANCTIONED FOR 30.00 lakhs.
(Rupees Thirty lakhs only.
Under the Head of Account P-3292
Registered as no EE(D.D.)/AS/01/20-21 Subject to conditions contained in Enclosed Memo No. EE/DD/AS/101/20-21 Dt: 17/07/2020

EE/AE. Exe. Engg. (DASARAHALLI) BBMP

Technically Sanctioned For Rs. 30.00 lakhs.
Rs. In Words Thirty lakhs only
Under P-3292
Job Code No. 015-20-000084
Registered as SE No. 164/20-21 subject to conditions contained in Enclosed Memo No. SE/DZ/TS/164/20-21 Dt. 24/07/2020

AE / EE TA

SE(D) 24/7

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